

**INTERNATIONAL SEARCH REPORT**

International Application No  
PCT/EP2004/011294

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>				
IPC 7	C12N9/02	C12N15/82	A01H5/00	C12P7/64

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A01H C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, Sequence Search, EMBASE, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>INUI H ET AL: "PURIFICATION AND SOME PROPERTIES OF SHORT CHAIN-LENGTH SPECIFIC TRANS-2 ENOYL COENZYME A REDUCTASE IN MITOCHONDRIA OF EUGLENA-GRACILIS"          JOURNAL OF BIOCHEMISTRY (TOKYO),          vol. 100, no. 4, 1986, pages 995-1000,          XP002272816          ISSN: 0021-924X          cited in the application          the whole document</p> <p>-----</p> <p style="text-align: center;">-/--</p>	1,2,7-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

15 December 2004

Date of mailing of the international search report

28/12/2004

Name and mailing address of the ISA  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE UniProt 'Online! 1 June 2003 (2003-06-01), "Hypothetical protein VP1231." XP002310559 retrieved from EBI accession no. UNIPROT:Q87QB9 Database accession no. Q87QB9 sequence data -----	1,2,7
X	DATABASE EMBL 'Online! 1 September 2000 (2000-09-01), STOVER C.K. ET AL.: "Complete genome sequence of Pseudomonas aeruginosa PA01, an opportunistic pathogen" XP002272819 Database accession no. AE004721 *nts 5060 to 6239* *hypothetical protein Q9HZP8* page 3 -----	7,9
A	INUI H ET AL: "FATTY-ACID SYNTHESIS IN MITOCHONDRIA OF EUGLENA-GRACILIS" EUROPEAN JOURNAL OF BIOCHEMISTRY, vol. 142, no. 1, 1984, pages 121-126, XP008028490 ISSN: 0014-2956 cited in the application -----	
A	OHLROGGE JOHN ET AL: "Lipid biosynthesis" PLANT CELL, vol. 7, no. 7, 1995, pages 957-970, XP002272818 ISSN: 1040-4651 cited in the application -----	
A	WO 03/054189 A (BIESGEN CHRISTIAN ; SUNGENE GMBH & CO KGAA (DE)) 3 July 2003 (2003-07-03) sequences 11,35 the whole document -----	

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Information on patent family members

International Application No

PCT/EP2004/011294

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03054189	A 03-07-2003	CA 2470329 A1	03-07-2003
		WO 03054189 A2	03-07-2003
		EP 1458875 A2	22-09-2004